

# Bacteria Report - Total Enterococcus

Sampling Period: 4/1/16 - 8/18/16

University of Delaware Citizen Monitoring Program

Total Enterococcus (TE) are a group of bacteria that are normally found in the guts and feces of warm-blooded animals (mammals and birds). The EPA and the State of Delaware use TE as the best, easily-measured bacterial indicator of the risk of acquiring gastroenteritis from swimming in fecal contaminated water.

Watershed	Site: Name	Last Sample Date	Time	Last Sample (Colonies per 100 mL)	Geometric mean (Colonies per 100 mL)	Sample Total
<b>Fresh water sites</b>		<b>EPA Fresh Water Standards for Swimming</b>		<b>185</b>	<b>100</b>	
<b>Broadkill River</b>						
<u>Diamond Pond</u>	BR48: Diamond Pond at Spillway	8/10/2016	6:55	10	49	8
<u>Red Mill Pond</u>	BR54: Red Mill Pond outlet at Rt 1	8/10/2016	11:45	20	18	5
<u>Wagamon's Pond</u>	BR44: Wagamon's Pond on Northern Shoreline, Milton	8/11/2016	9:15	10	Insufficient data	1
<b>Dirickson Pond</b>						
<u>Dirickson Pond</u>	LA38: The Hamlet at Dirickson Pond	8/9/2016	8:00	5	9	7
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB10: Guinea Creek above golf course	8/9/2016	7:44	1467	704	8
<b>Tidal water sites</b>		<b>EPA Tidal Water Standards for Swimming</b>		<b>104</b>	<b>35</b>	
<b>Broadkill River</b>						
<u>Broadkill River</u>	BR01: Broadkill river @ PEL dock.	8/10/2016	8:45	30	17	8
<u>Broadkill River</u>	BR20: Broadkill River at Milton tidal pond	8/10/2016	6:10	74	185	8
<u>Old Mill Creek</u>	BR21: Old Mill Creek downstream from Red Mill Pond	8/10/2016	8:00	203	195	8
<u>Prime Hook Creek</u>	BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters	7/27/2016	8:35	145	105	6
<b>Delaware Bay</b>						
<u>Canary Creek</u>	BR40: Canary Creek at Pilottown Rd	8/9/2016	6:51	63	62	8
<u>Delaware Bay</u>	DB01: End of Cape Shores pier	8/9/2016	8:51	5	6	7
<b>Indian River</b>						
<u>Indian River</u>	IR11: Pot Nets Seaside Pier	8/9/2016	10:30	5	11	8
<u>Indian River</u>	IR24: Iron Branch - County road 331 at bridge	8/9/2016	10:40	295	152	8
<u>Indian River</u>	IR36: James Farm, base of Pasture Point Knee deep 150 yds from	8/9/2016	7:41	20	12	8
<u>Pepper Creek</u>	IR51: Pepper Creek, Creekside	7/26/2016	8:55	723	122	4
<u>Vines Creek</u>	IR38: Vines Lane	8/9/2016	7:15	30	87	8
<b>Little Assawoman Bay</b>						
<u>Dirickson Creek</u>	LA03: Mulberry Landing	8/9/2016	7:27	20	15	7
<u>Dirickson Creek</u>	LA09: Dirickson Creek at Road 381 bridge.	8/9/2016	8:09	41	204	8
<u>Dirickson Creek</u>	LA29: Upper Dirickson Creek @ Rt20	8/9/2016	6:48	789	392	8
<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	8/9/2016	7:32	262	151	8
<u>Jefferson Creek</u>	SB04: Petherton canal/rt1	8/9/2016	7:38	243	86	8
<u>Jefferson Creek</u>	SB06: Brandywine Canal	8/9/2016	7:34	41	105	8
<u>Jefferson Creek</u>	SB07: Layton Canal, South Bethany	8/9/2016	7:16	10	11	8
<u>Little Assawoman Bay</u>	LA46: Fenwick Island Tide Gauge	8/9/2016	10:03	20	18	8
<u>Little Assawoman Bay</u>	LA48: W. Georgetown St. Canal - Fenwick	8/9/2016	10:20	20	16	8
<b>Rehoboth Bay</b>						
<u>Guinea Creek</u>	RB06: Guinea Creek (Winding Creek Village)	8/9/2016	7:14	295	500	8

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

University of Delaware Citizen Monitoring Program

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**Watershed**

Tributary

Site: Name

**Last  
Sample  
Date****Time****Last  
Sample  
(Colonies per  
100 mL)****Geometric  
mean  
(Colonies per  
100 mL)****Sample  
Total****Tidal water sites****EPA Tidal Water Standards for Swimming****104****35****Rehoboth Bay**Guinea Creek

RB06A: Guinea Creek @ Rd 298 Bridge

8/9/2016

7:32

2481

1352

8

Herring Creek

RB90: Burton Prong

8/9/2016

8:45

323

389

8

Love Creek

RB34: Love Creek at Rt 24 Bridge

8/9/2016

9:45

504

78

8

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